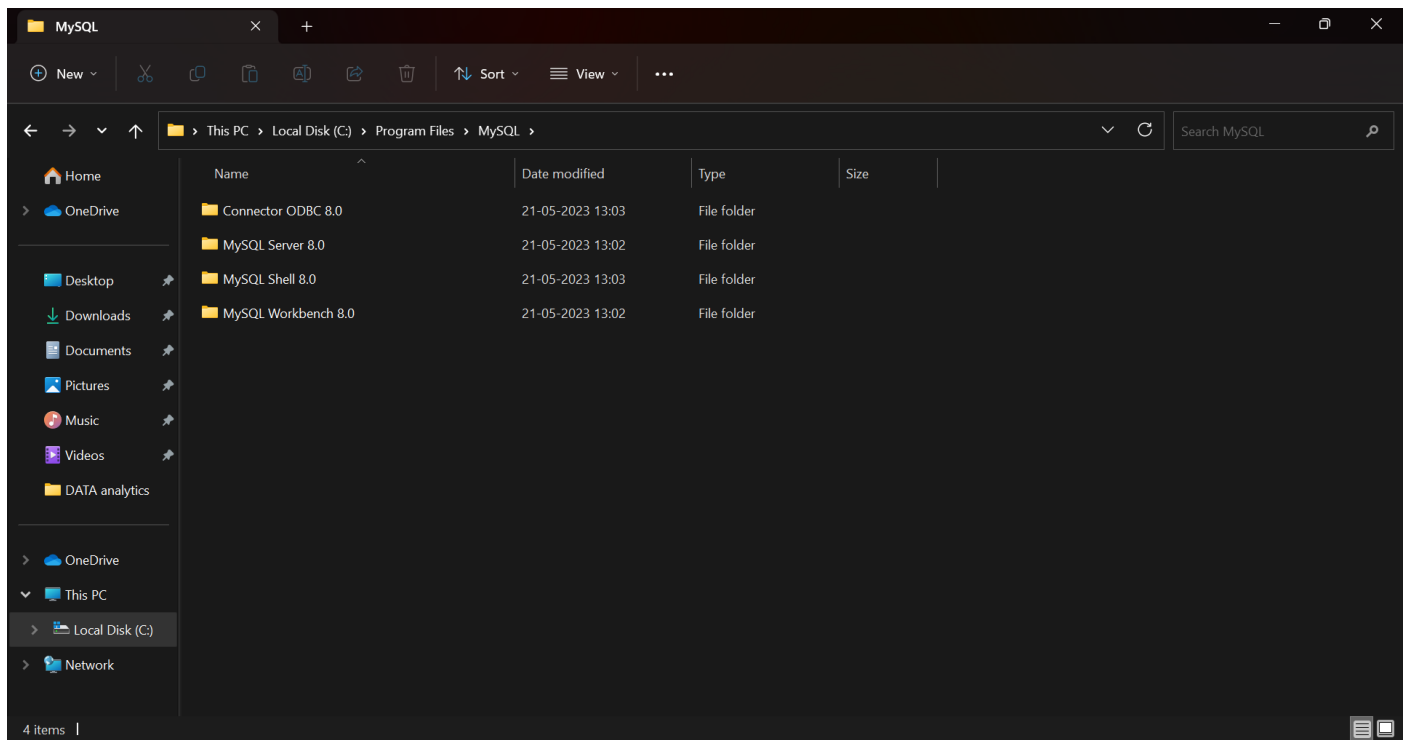
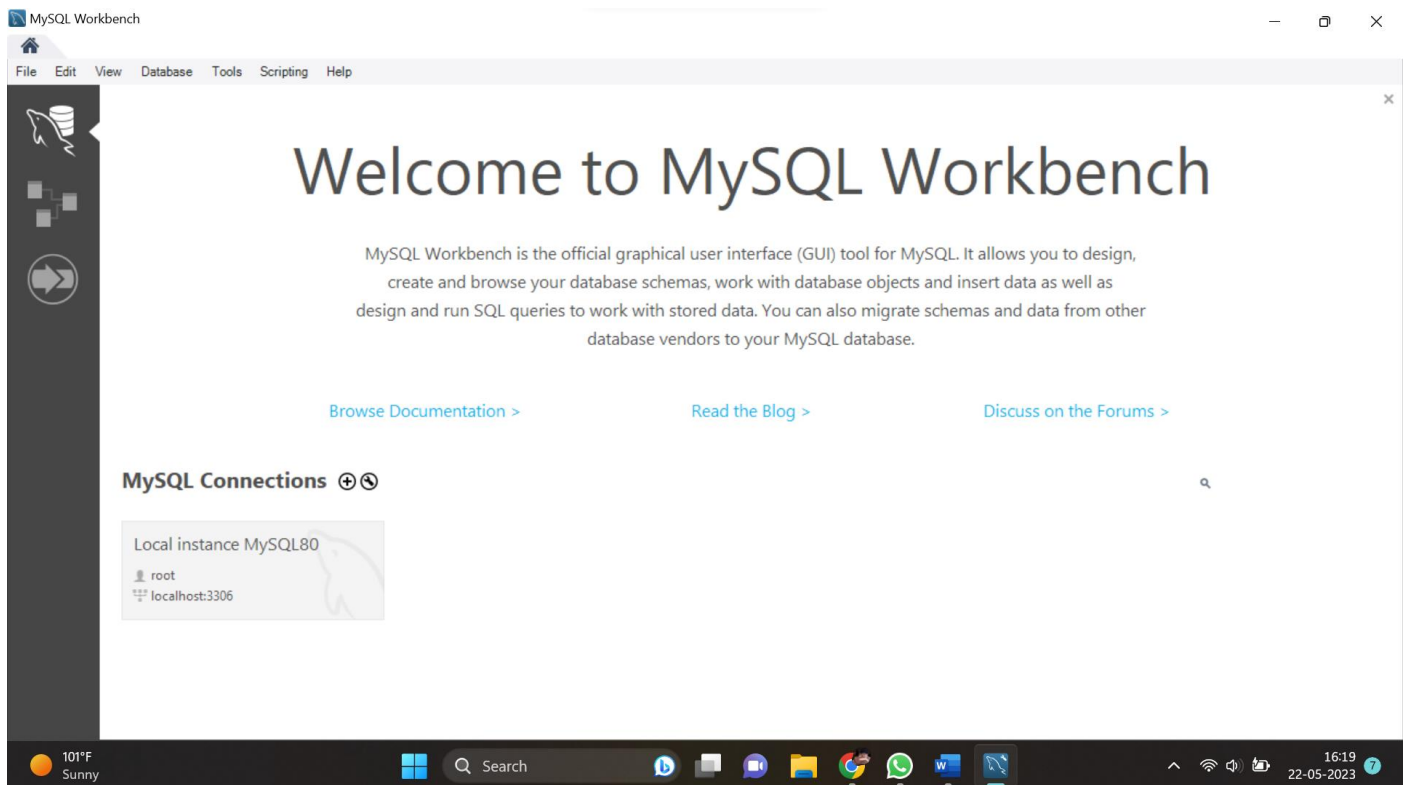
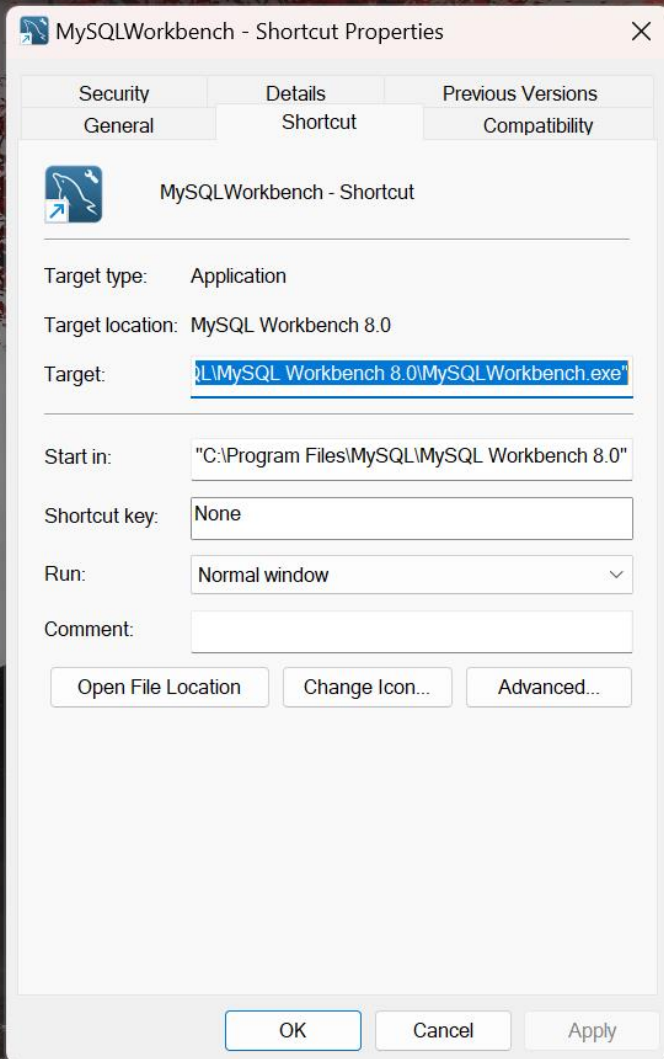


# ASSIGNMENT – I

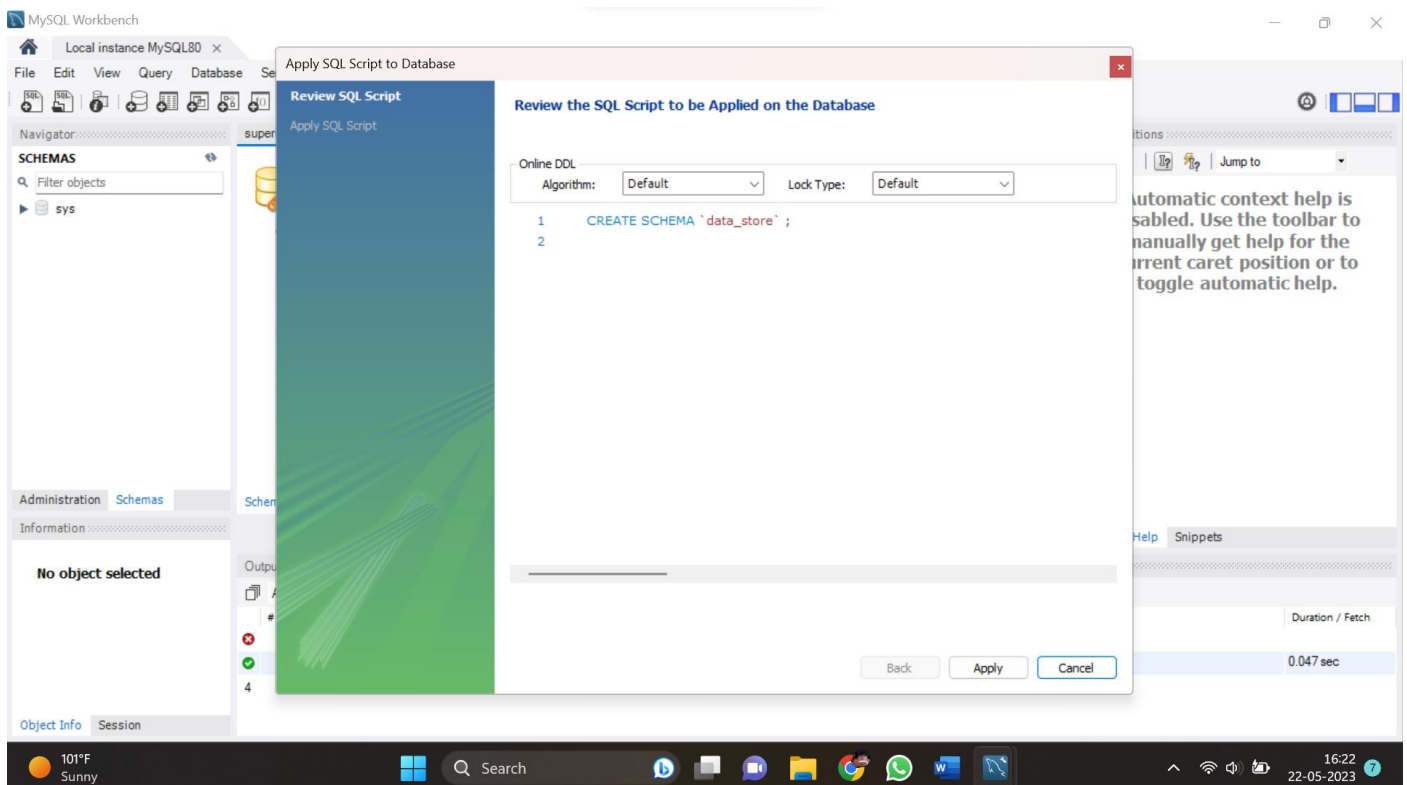
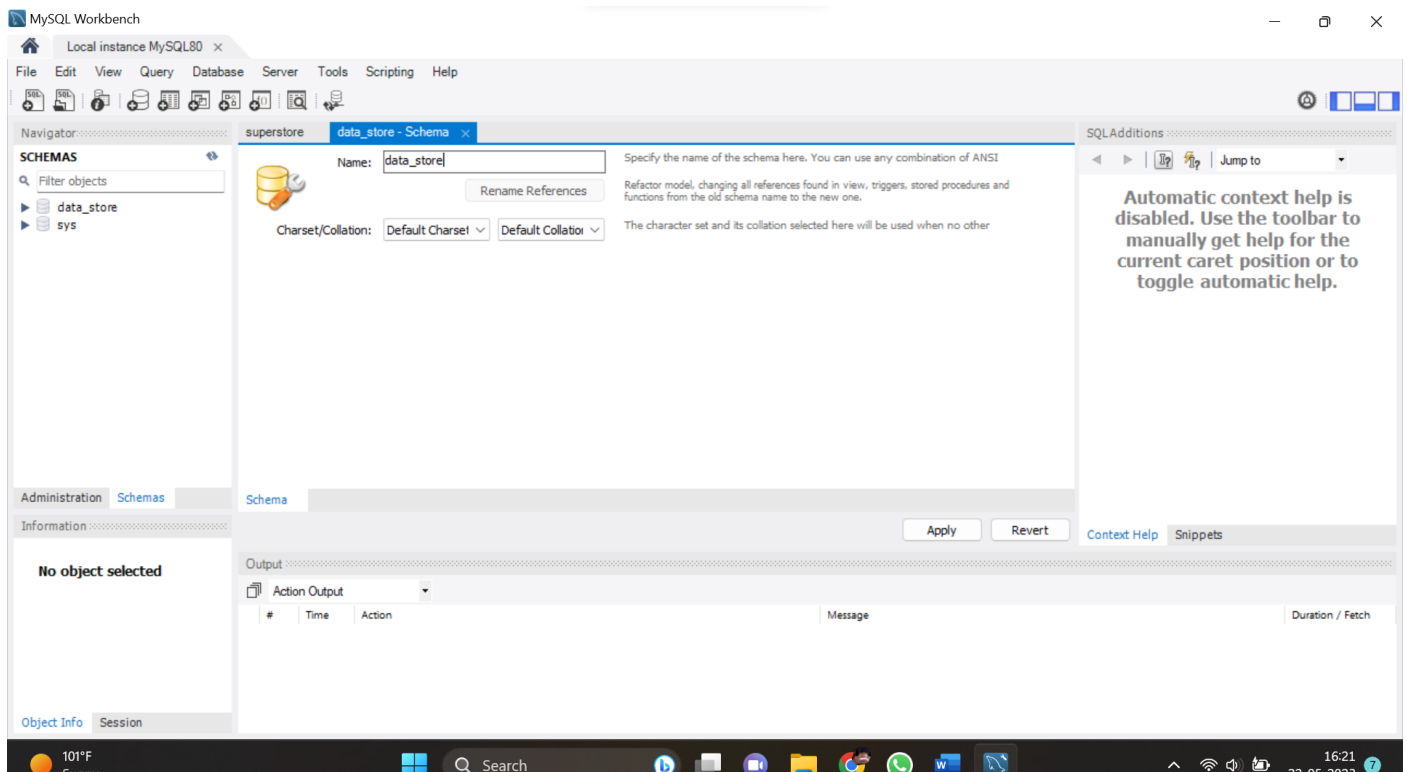
NAME : SHAH JATIN MANOJ  
REGISTER NUMBER : 20BIT0387  
CAMPUS : VIT, Vellore

## 1) Download tableau desktop & Mysql in your PC or laptop





## 2) Create a new schema in your Mysql workbench and upload your data



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

data\_store

sys

Load Spatial Data

Set as Default Schema

Filter to This Schema

Schema Inspector

Table Data Import Wizard

Copy to Clipboard

Send to SQL Editor

Create Schema...

Alter Schema...

Drop Schema...

Search Table Data...

Refresh All

Administration

Information

Schema: data\_store

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	16:21:46	Apply changes to data_store	Selected name conflicts with existing schema 'data_store'.	
2	16:21:56	DROP DATABASE 'data_store'	1 row(s) affected	0.047 sec
3	16:21:59	Apply changes to data_store	Changes applied	

Object Info Session

100°F Sunny

Search

16:23 22-05-2023

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

data\_store

sys

Table Data Import

Open

File name:

Comma Separated Values (\*.csv)

Open Cancel

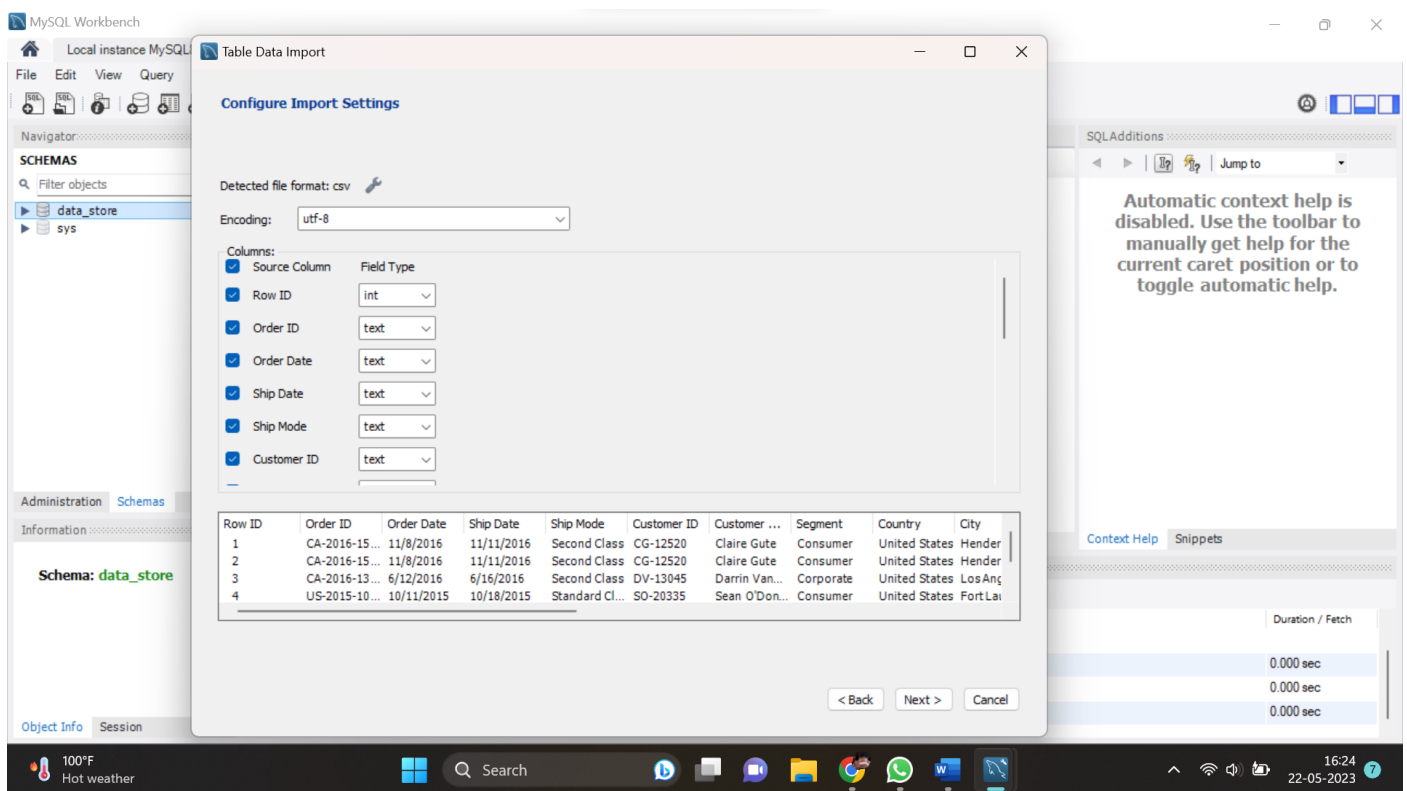
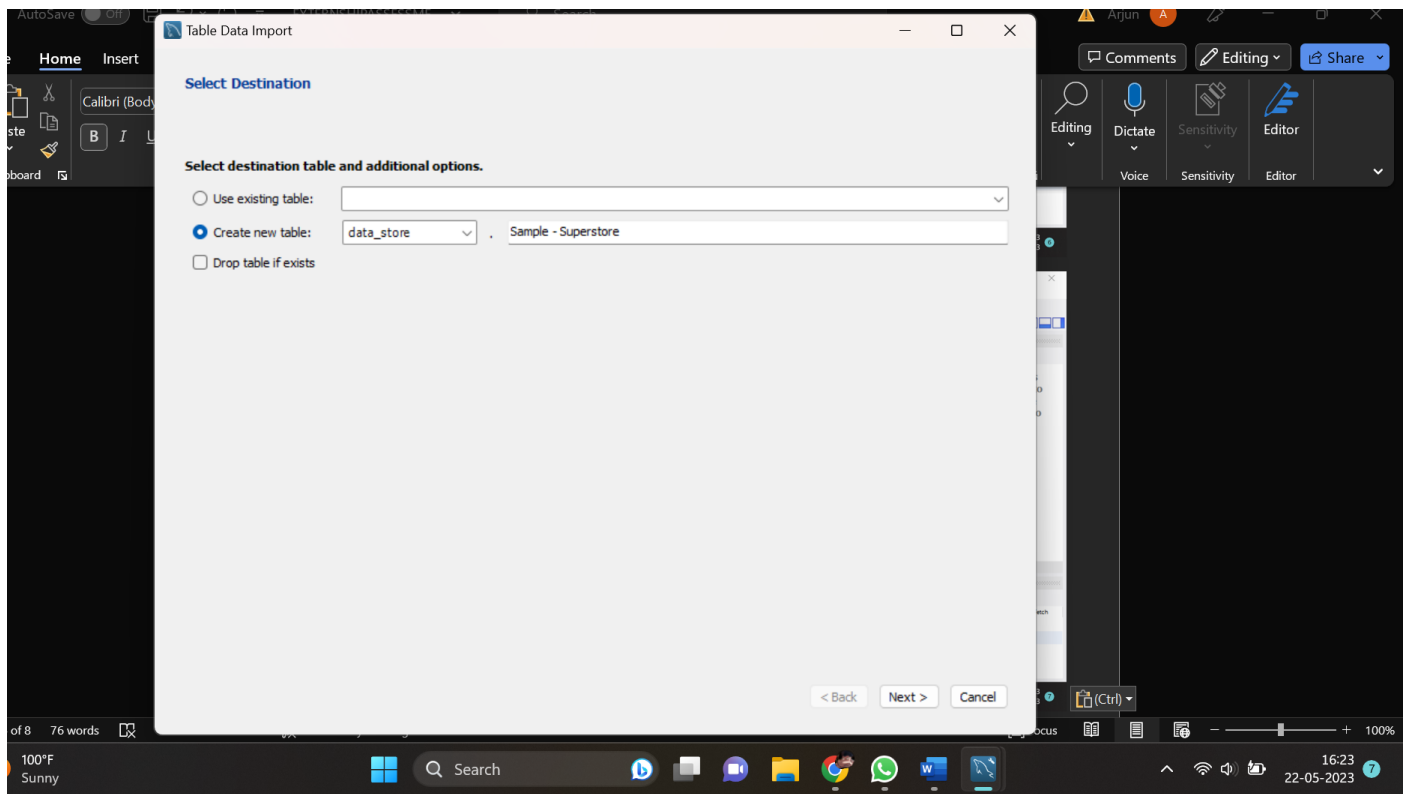
Schema: data\_store

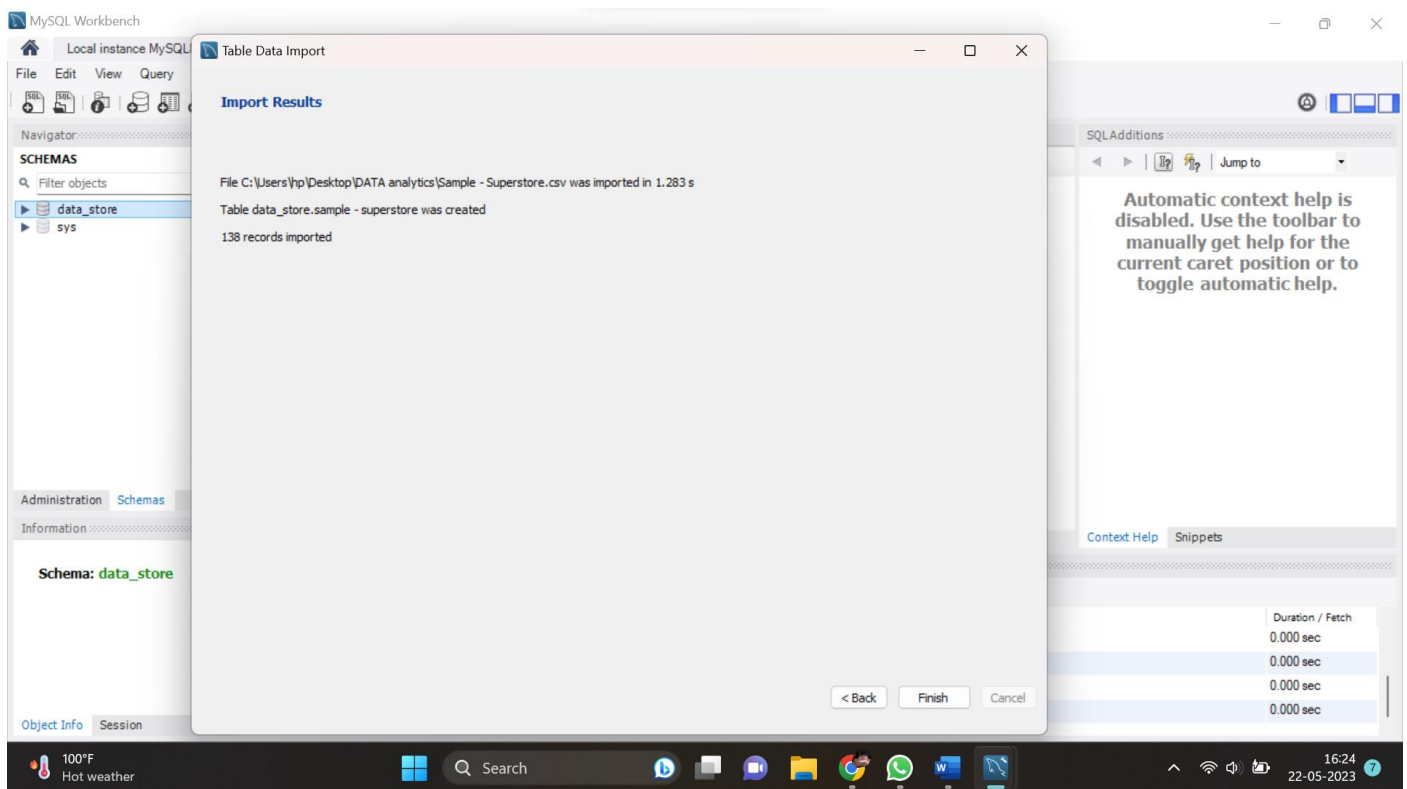
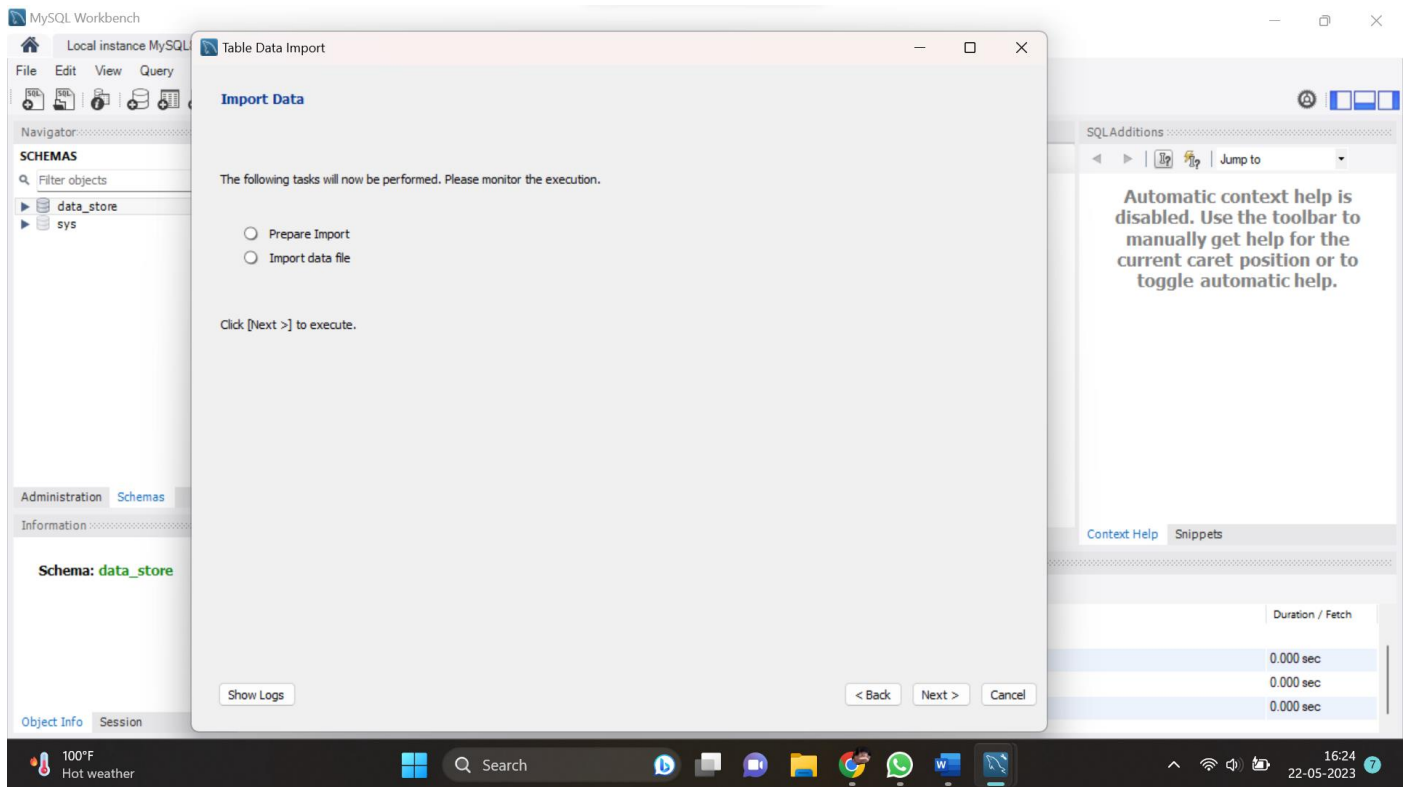
Object Info Session

100°F Sunny

Search

16:23 22-05-2023





### 3) Connect your Mysql and Tableau

Tableau - Book1

File Data Server Help

**Connect**

Search for Data

Tableau Server

To a File

- Microsoft Excel
- Text file
- JSON file
- Microsoft Access
- PDF file
- Spatial file
- Statistical file
- More...

To a Server

- Microsoft SQL Server
- Oracle
- Amazon Redshift
- MySQL
- More...

**Open**

Book1

**MySQL**

General Initial SQL

Server: localhost

Port: 3306

Database: data\_store

Username: root

Password: Optional

☐ Require SSL

Sign In

**Discover**

Training

View all 87 training videos

Resources

- Get Tableau Prep
- Tableau Blueprint Assessment
- Tableau Community Forums
- Tableau Accelerators
- Blog - Read latest post

100°F Sunny 22-05-2023 16:29

Tableau - Book1

File Data Server Window Help

**Connections**

- localhost
- MySQL

**Database**

data\_store

**Table**

- superstore
- New Custom SQL
- New Union
- New Table Extension

**superstore (data\_store)**

Connection: ☒ Live ☐ Extract

Filters: 0 Add

superstore

Need more data?

Drag tables here to relate them. [Learn more](#)

**Data Source**

Sheet1

Type	Field Name	Physical Table	Remote Fie...
#	superstore	Row ID	Order ID
Abc	superstore	Order Date	Ship Date
Abc	superstore	Ship Mode	Cust

Update Now

Update Automatically

100°F Sunny 22-05-2023 16:30



Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Show Me

Data Analytics Pages Columns Rows

superstore (data\_store)

Search

Tables

- Category
- City
- Country
- Customer ID
- Customer Name
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- Discount
- Profit

Filters

Marks

Automatic

Color Size Text Detail Tooltip

Drop field here

Drop field here

Select or drag data  
Use the Shift or Ctrl key to select multiple fields

Data Source Sheet 1

100°F Sunny 16:30 22-05-2023

Tableau - Book1

Restore Move Size Minimize Maximize Close Alt+F4

Database

data\_store

Table

- superstore
- New Custom SQL
- New Union
- New Table Extension

superstore (data\_store)

Connection ☒ Live ☐ Extract

Filters 0 Add

superstore

Need more data?  
Drag tables here to relate them. [Learn more](#)

superstore 21 fields 138 rows 100 rows

#	superstore	superstore	superstore	superstore	superstore
Row ID	Order ID	Order Date	Ship Date	Ship Mode	
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	

Data Source Sheet 1

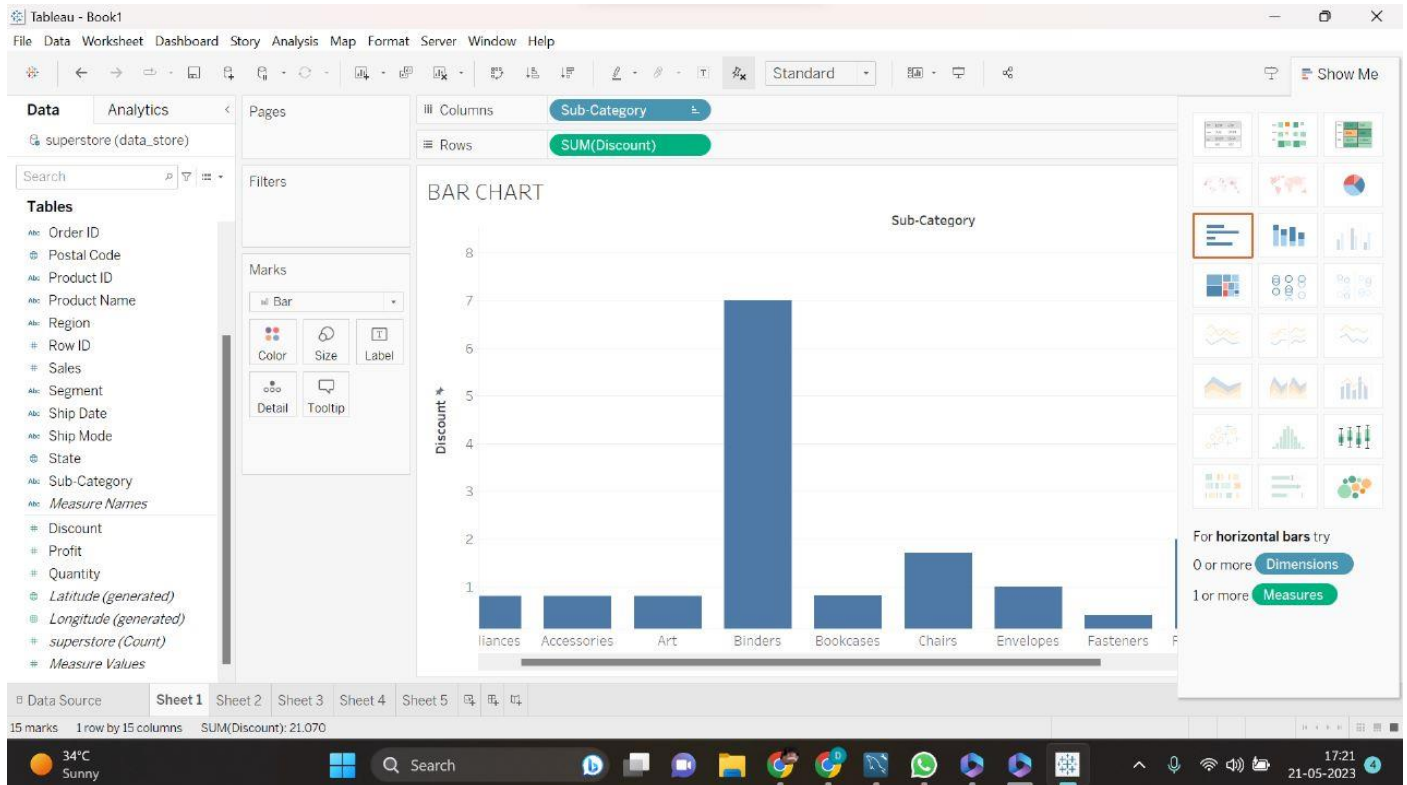
100°F Sunny 16:30 22-05-2023



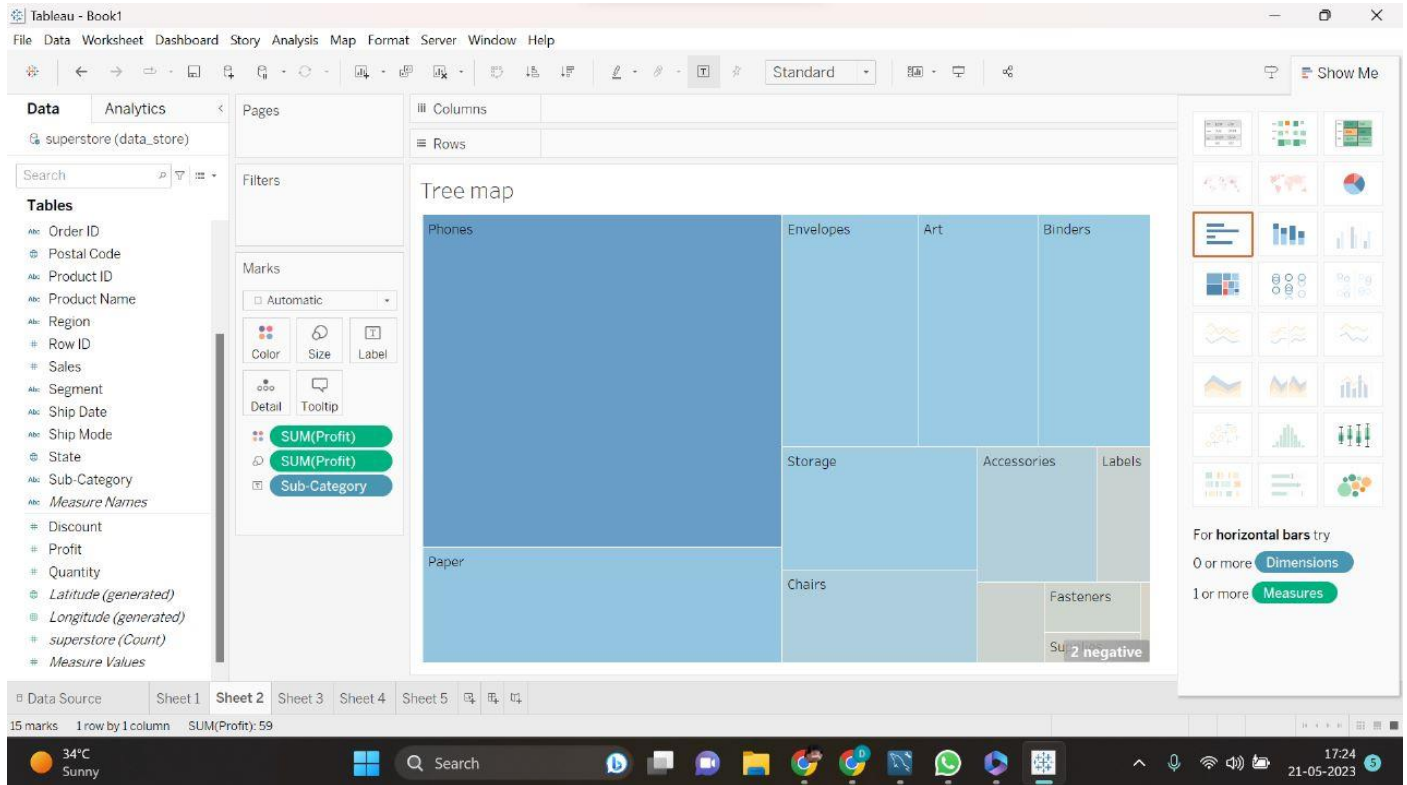
#### 4) Create the below 5 charts/plots

- Bar chart
- Tree map
- Heatmap
- Pie chart
- Horizontal bar chart

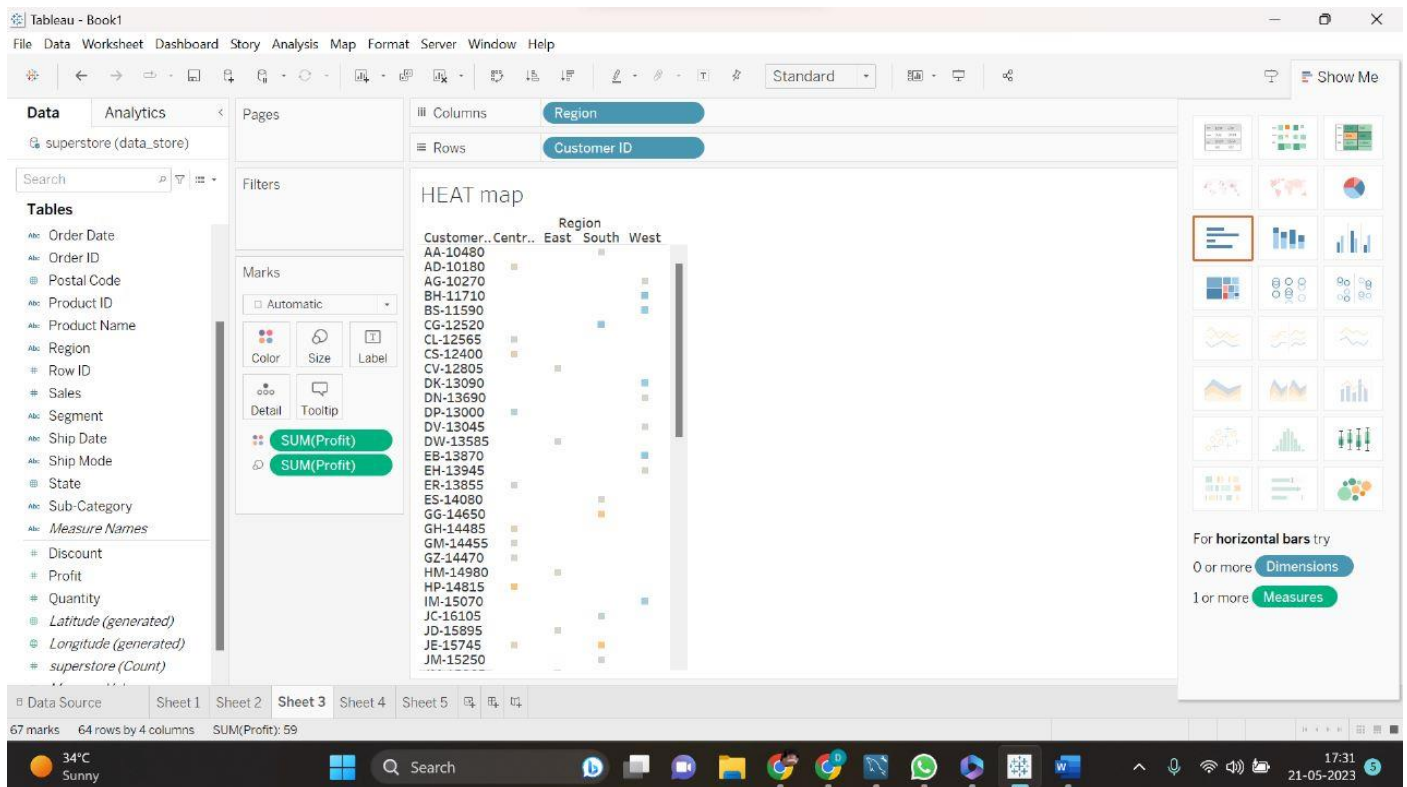
#### BAR CHART:



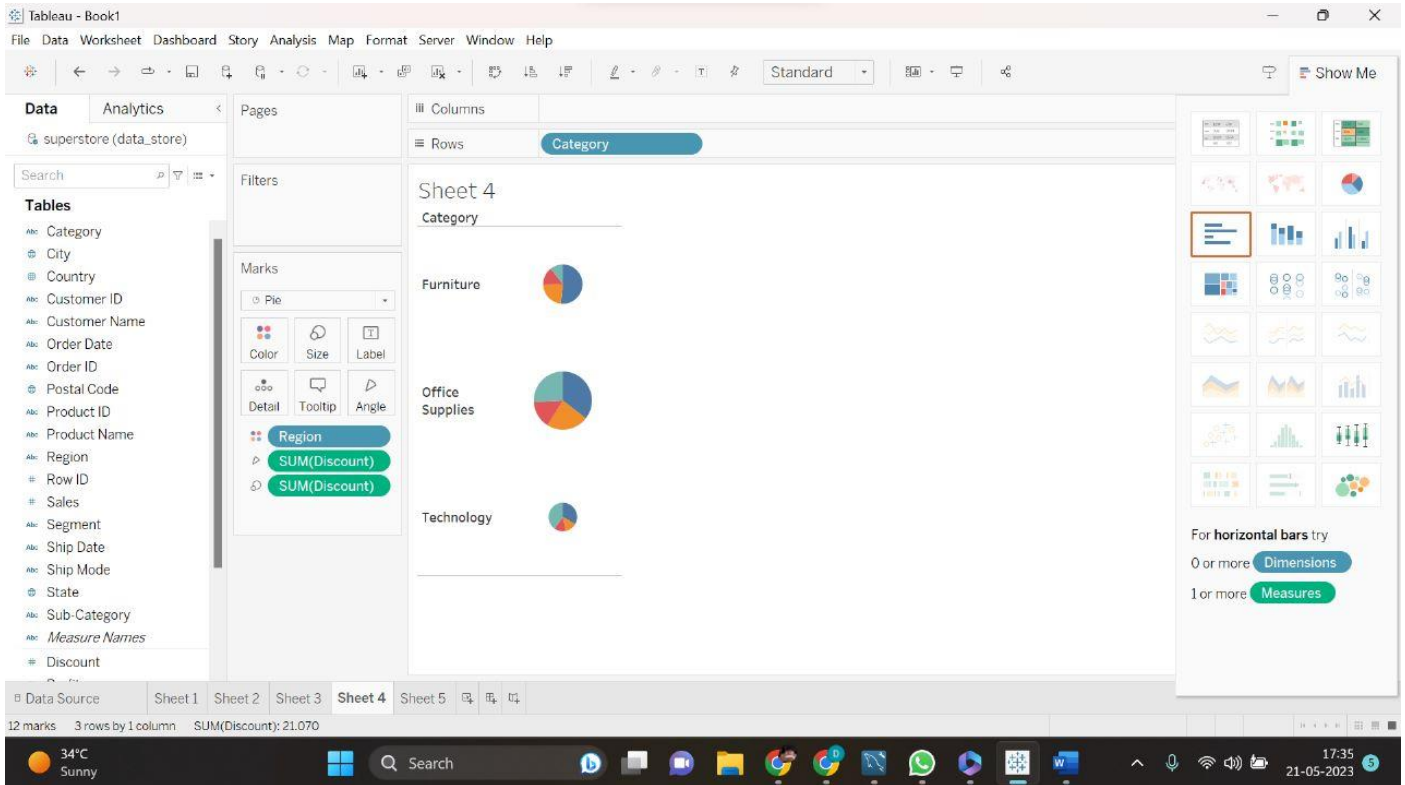
## Tree map:



## Heatmap:



## Pie chart:



## Horizontal bar chart:

